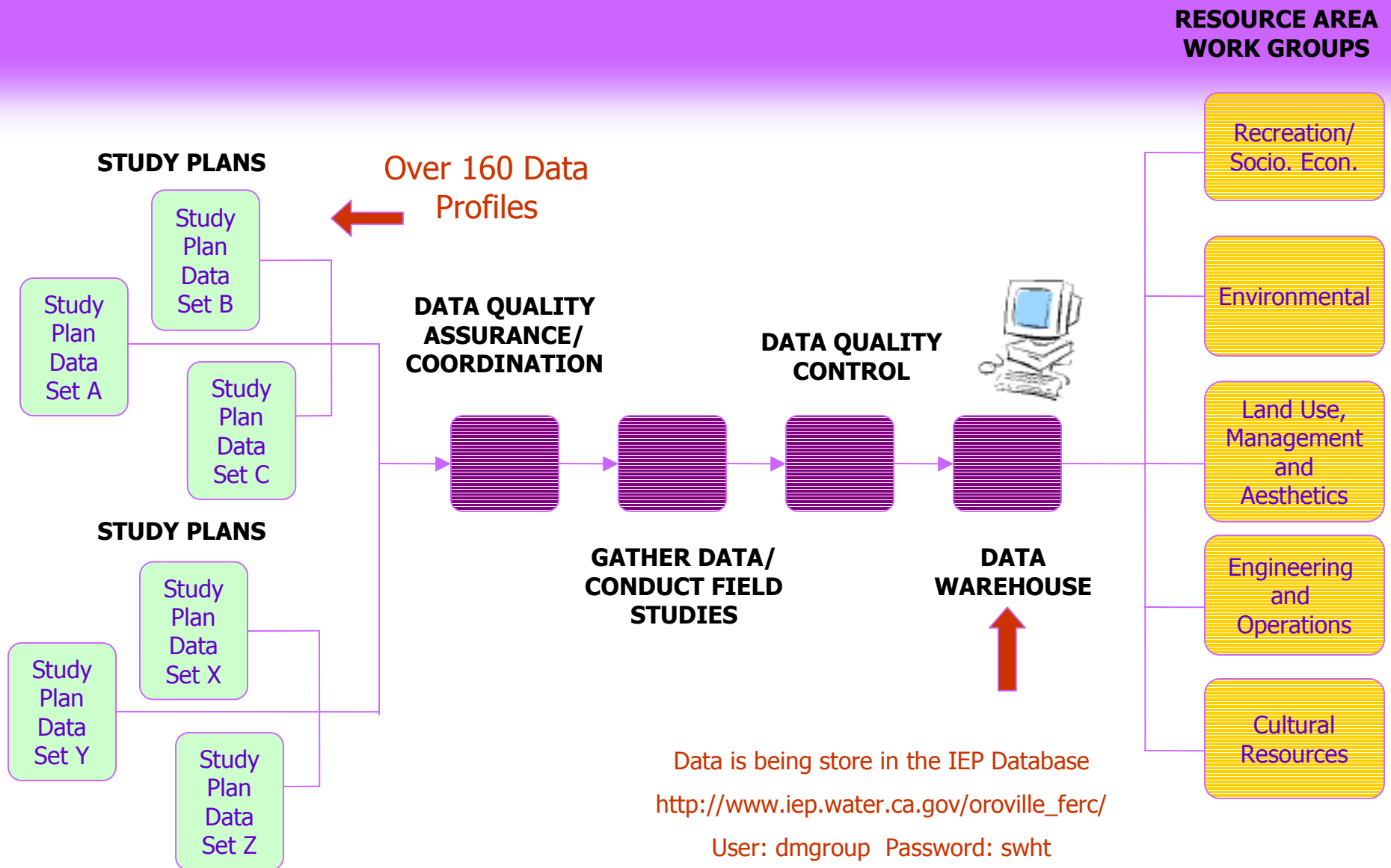


# Data Management

- Quality Assurance – assuring that studies are implemented in a quality manner
- Quality Control – maintaining consistent data across studies to assure compatibility
- Calibration – assuring that data collection is consistent within similar areas
- Data Storage – assuring that data collected is store for usage by many interest.

# Data Management



# Study Plan Data Set(s) Profile Sheet

STUDY PLAN DATA PROFILE	
<b>Study Plan</b>	<b>STUDY PLAN</b>
	SP – Engineering and Operations 1.2b
<b>Data Set</b>	<b>DATA SET</b>
	E1.2b – Local Operations Model and central modeling database
<b>Data Description</b>	<b>DATA DESCRIPTION</b>
	Extract data from the Local Operations Model output files (central modeling database), perform required computations, and input back into the central modeling database: <ul style="list-style-type: none"> <li>• Get boundary conditions from the central modeling database</li> <li>• Use utility programs to create input</li> </ul>
<b>Geographic Extent</b>	<b>GEOGRAPHIC EXTENT</b>
	<b>OVERALL:</b> Oroville Dam and associated hydro electric facilities to be finalized by the work groups.  <b>SPECIFIC:</b> Oroville Reservoir; Hyatt Powerhouse (Pump/Generator); Thermalito Forebay; Thermalito.
<b>Sources</b>	<b>SOURCES</b>
	Extract data from the central modeling database.
<b>Frequency/Period</b>	<b>FREQUENCY / PERIOD</b>
	<b>STATIC DATA:</b> Obtain data from the central modeling database when needed to run the models.  <b>DYNAMIC DATA:</b>
<b>Collection Method/Technique QA/QC (if applicable)</b>	<b>COLLECTION METHOD / TECHNIQUE</b>
	Store all data in the central modeling database.
<b>Attributes</b>	<b>QA/QC (AS APPLICABLE)</b>
	Review of all data being transferred.
<b>Data Format/Archive</b>	<b>ATTRIBUTES</b>
	Modify data extracted from the central modeling database as required for input to the Local.
<b>Coordination With Other Study Plan</b>	<b>DATA FORMAT / ARCHIVE</b>
	Data will be taken from the central modeling database, inputted into the Local Operations Model.
	<b>COORDINATION WITH OTHER STUDY PLANS</b>
	<b>FROM:</b> SP-E1.2a <b>TO:</b> Other study plans that will require evaluation of temperature and impacts on Oroville releases.

# Data Coordination and Evaluation Process

